

ky=-0.767,ind=12,f1=1.305kHz,f2=4.773kHz,LfE=2,HfE=2

$T_1=766.23\mu\text{s}$, $T_2=209.51\mu\text{s}$

$f_1=1.31\text{kHz}*(1\pm 1.195e-01)$, $f_2=4.77\text{kHz}*(1\pm 1.415e-01)$

$\tau_1=583.97\mu\text{s}*(1\pm 1.288e-01)$, $\tau_2=87.37\mu\text{s}*(1\pm 1.443e-01)$

$a_1=0.07*(1\pm 2.216e-01)$, $a_2=0.19*(1\pm 1.602e-01)$

$s_0=0.11*(1\pm 1.203e-01)$, $t_0=1031.84*(1\pm 2.864e-01)$, $a_0=0.16*(1\pm 6.932e-02)$

$\varphi_1=0.03\pi*(1\pm 4.929e+00)$, $\varphi_2=0.01\pi*(1\pm 5.840e+00)$

s

0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

0 250 500 750 1000 1250 1500 1750 2000

t/ μs

$$S = a_1 e^{-t^2/\tau_1^2} \cos(2\pi f_1 t + \varphi_1) + a_2 e^{-t^2/\tau_2^2} \cos(2\pi f_2 t + \varphi_2) + a_0 e^{-t/\tau_0} + s_0$$

